

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003477.D
 Acq On : 02 Nov 2020 16:57
 Operator : SY/MD
 Sample : L4564-04
 Misc : 4.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-03-017-B

Quant Time: Nov 03 01:55:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	207864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	332480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	283342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	120379	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	119177	55.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.86%	
35) Dibromofluoromethane	7.73	113	103950	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.18	98	396357	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.48	95	115119	41.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.56%	

Target Compounds

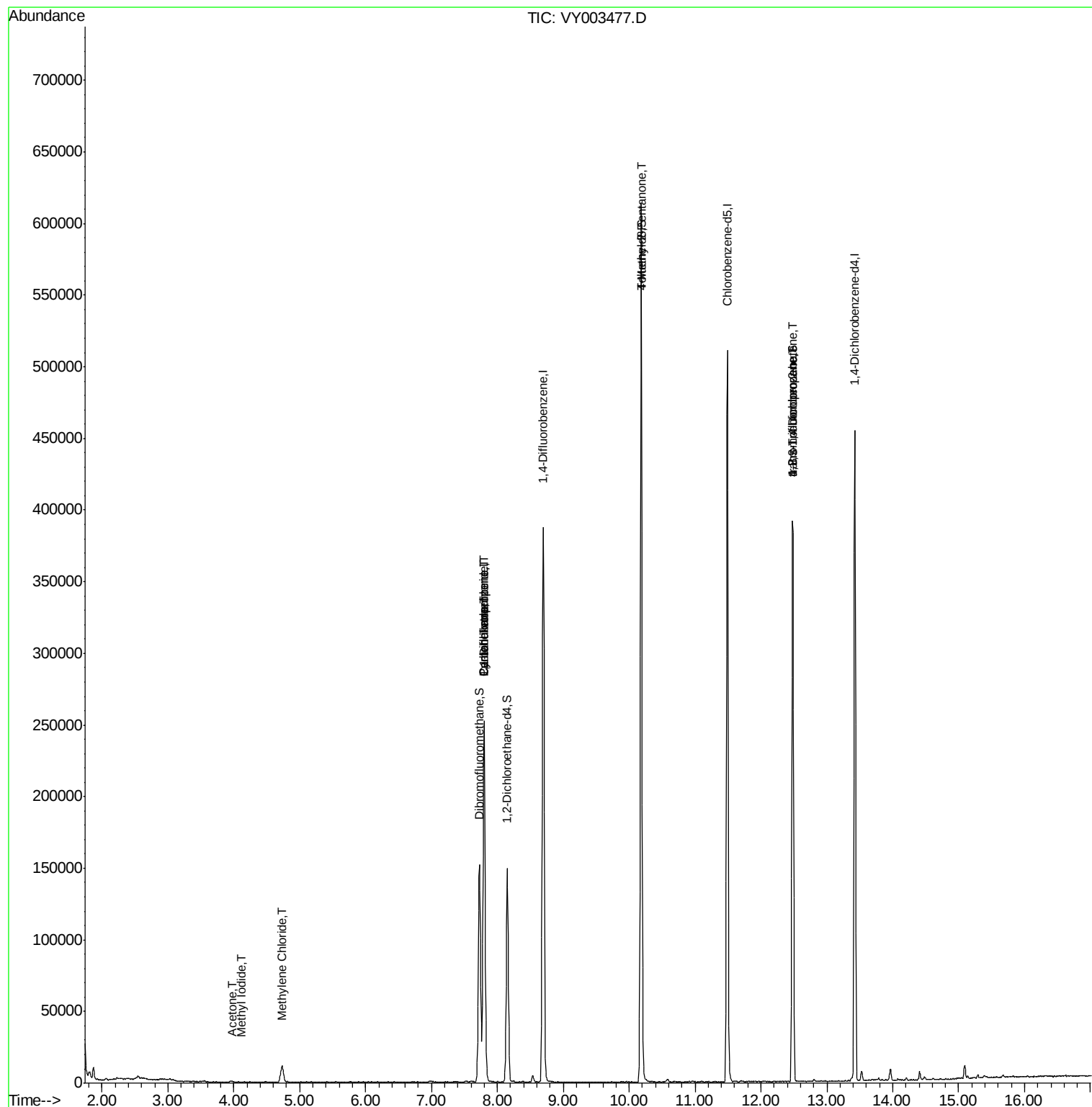
						Qvalue
10) Methyl Iodide	4.11	142	189	4.702	ug/l #	41
16) Acetone	3.96	43	1124	1.599	ug/l	92
20) Methylene Chloride	4.73	84	8291	4.188	ug/l	96
31) Cyclohexane	7.80	56	3941	1.234	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14474	4.617	ug/l #	50
38) Carbon Tetrachloride	7.80	117	18855	5.798	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1900	1.019	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	60960	47.861	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	60960	99.893	ug/l #	12

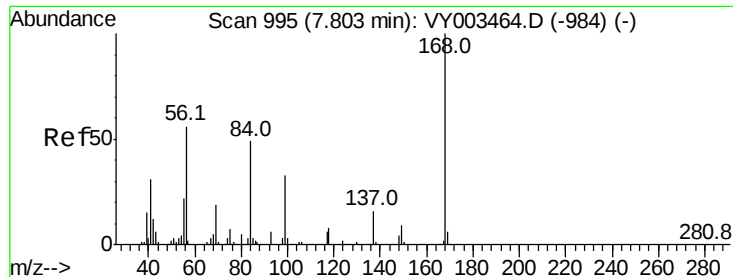
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 03 01:55:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY003477.D

Acq: 02 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

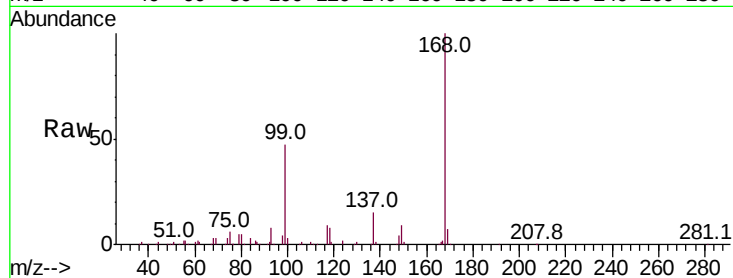
FK-GF-03-017-B

Tot Ion:168 Resp: 207864

Ion Ratio Lower Upper

168 100

99 46.9 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

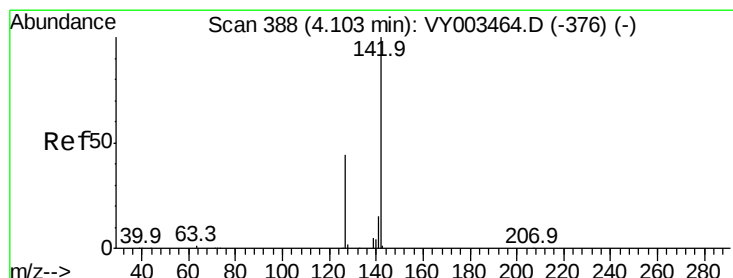
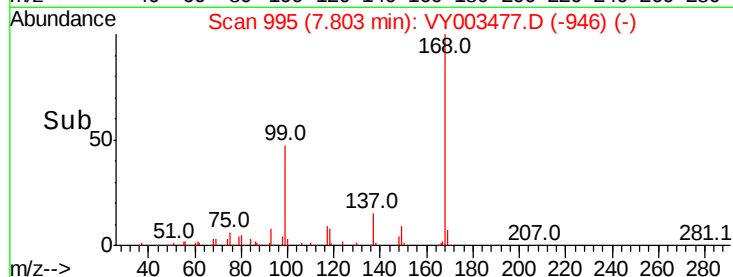
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.702 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY003477.D

Acq: 02 Nov 2020 16:57

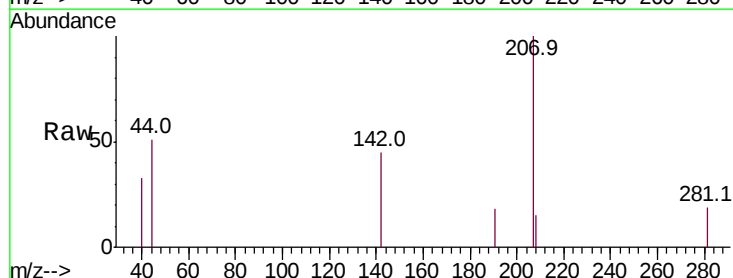
Tgt Ion:142 Resp: 189

Ion Ratio Lower Upper

142 100

127 0.0 34.5 51.7#

141 0.0 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.11

200

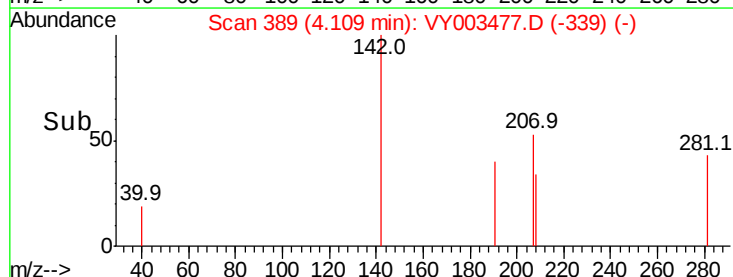
150

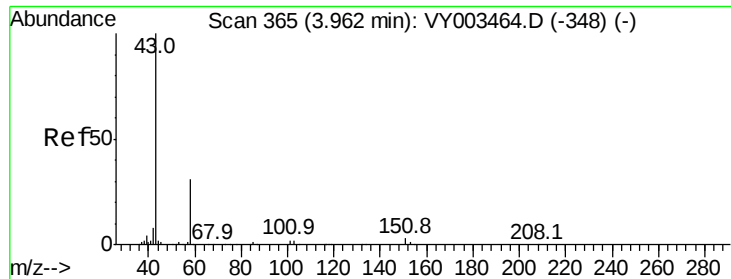
100

50

0

Time-->

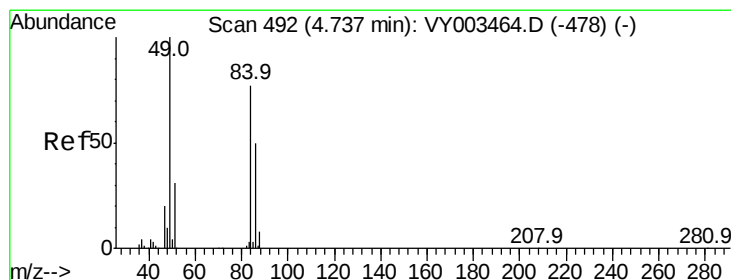
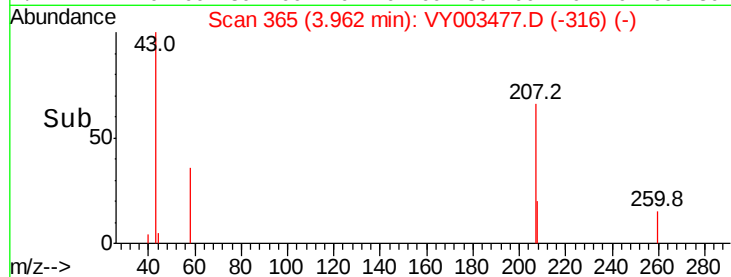
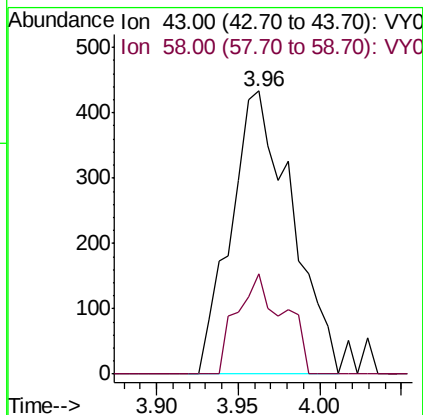
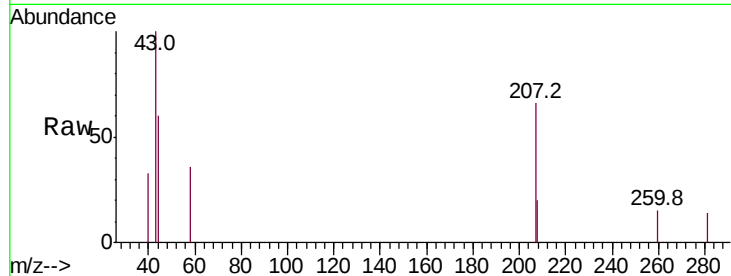




#16
Acetone
Concen: 1.599 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.00 min
Lab File: VY003477.D
Acq: 02 Nov 2020 16:57

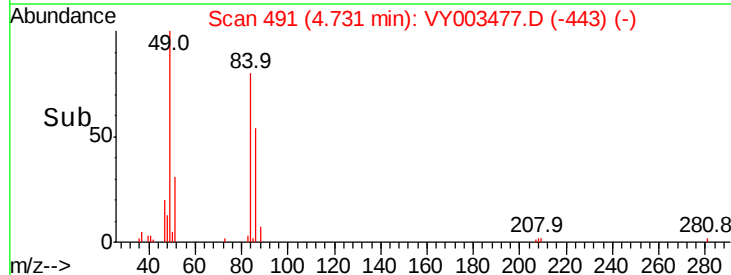
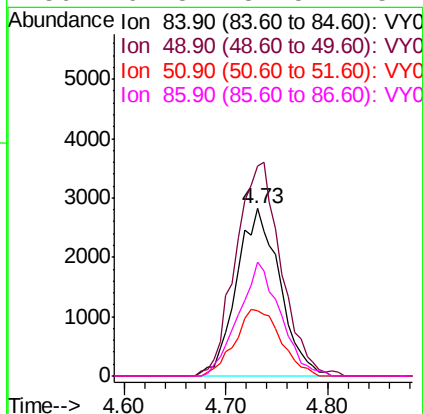
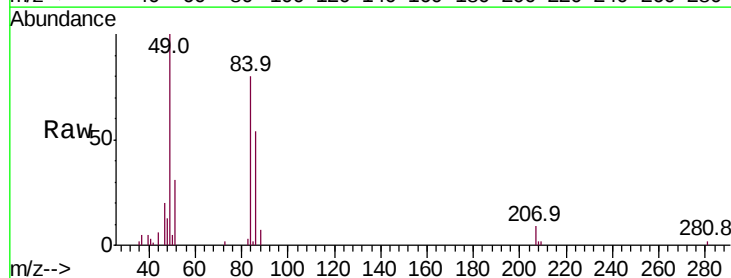
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-03-017-B

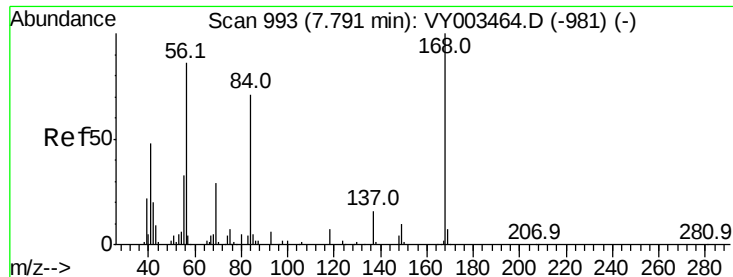
Tot Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 35.6 25.0 37.4



#20
Methylene Chloride
Concen: 4.188 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003477.D
Acq: 02 Nov 2020 16:57

Tgt Ion: 84 Resp: 8291
Ion Ratio Lower Upper
84 100
49 125.2 104.3 156.5
51 38.9 32.5 48.7
86 67.8 52.5 78.7

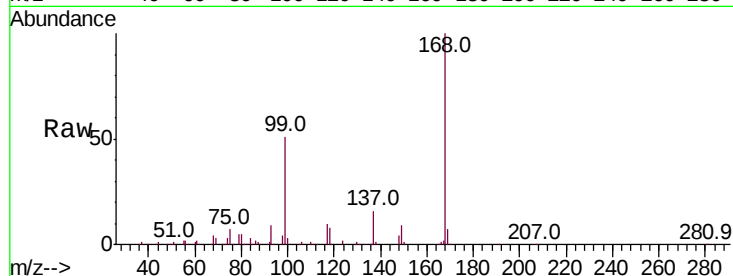




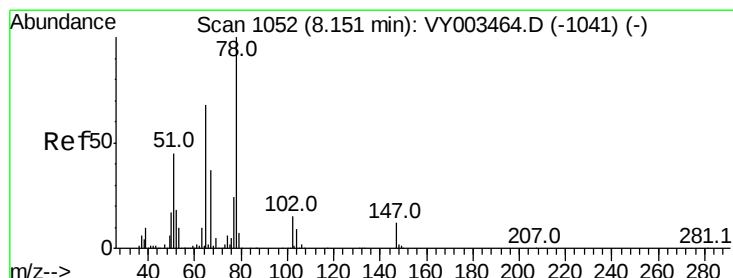
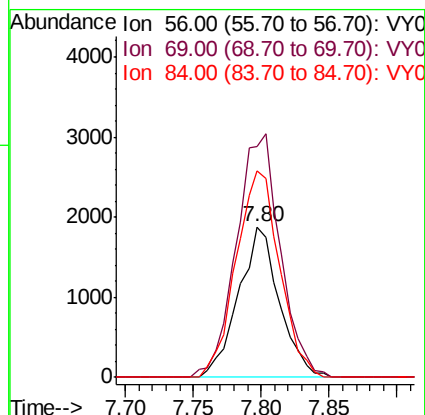
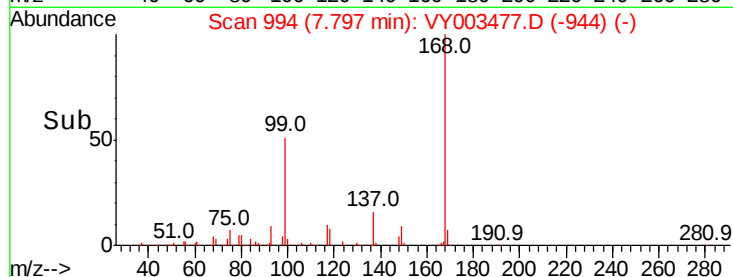
#31
Cyclohexane
Concen: 1.234 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003477.D
Acq: 02 Nov 2020 16:57

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-03-017-B

Tot Ion: 56 Resp: 3941
Ion Ratio Lower Upper
56 100
69 153.0 26.6 39.8#
84 145.4 65.9 98.9#

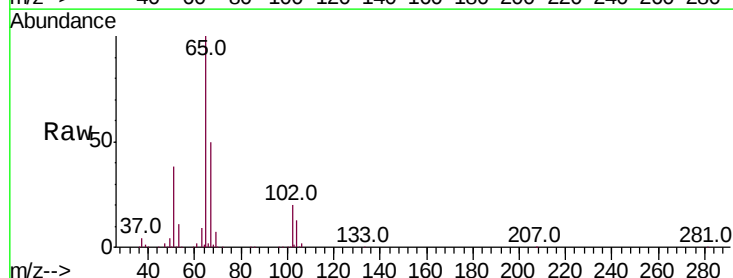


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

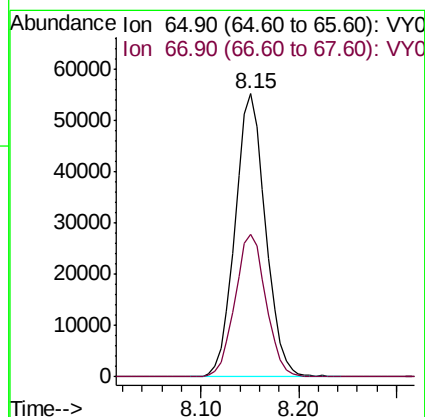
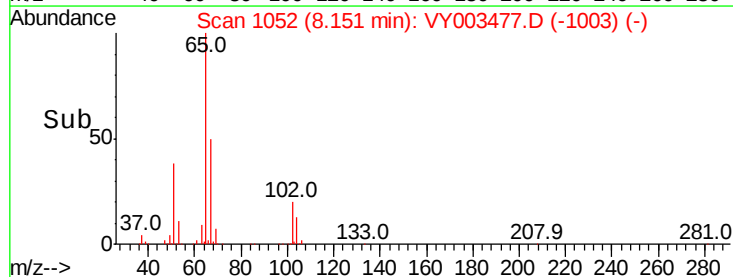


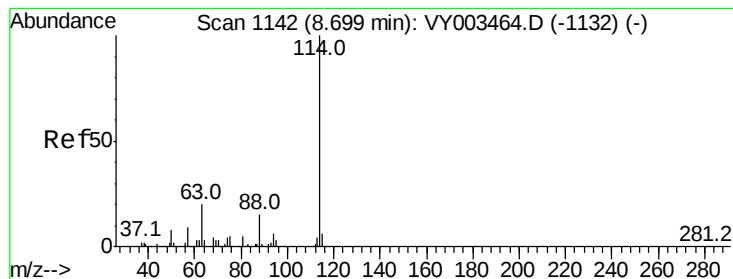
#33
1,2-Dichloroethane-d4
Concen: 55.926 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY003477.D
Acq: 02 Nov 2020 16:57

Tgt Ion: 65 Resp: 119177
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003477.D

Acq: 02 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-03-017-B

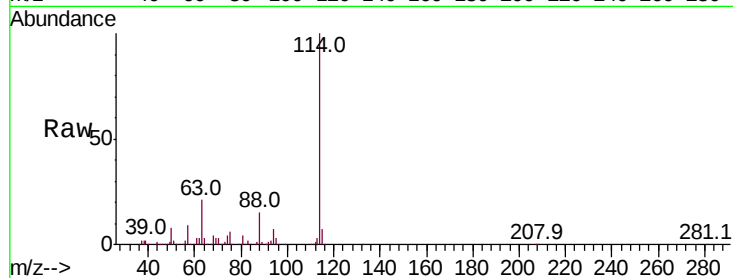
Tot Ion:114 Resp: 332480

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

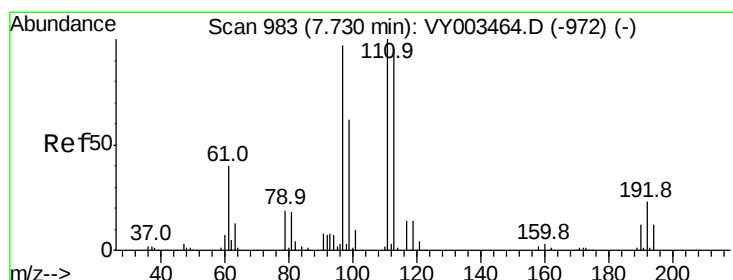
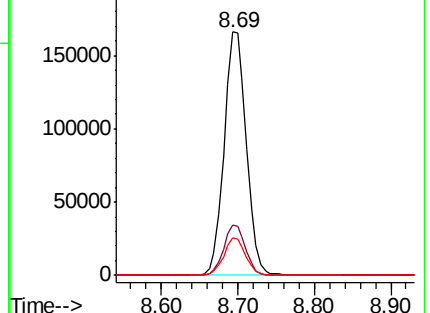
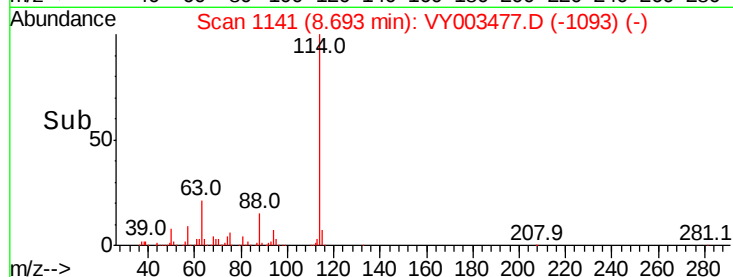
88 15.3 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.378 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY003477.D

Acq: 02 Nov 2020 16:57

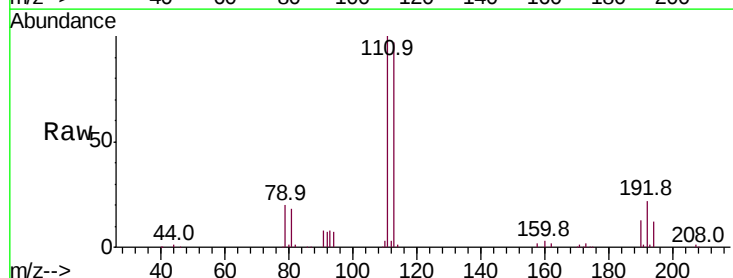
Tgt Ion:113 Resp: 103950

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.6

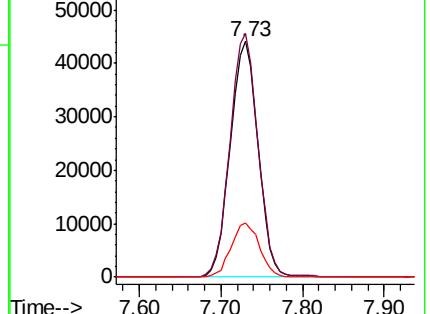
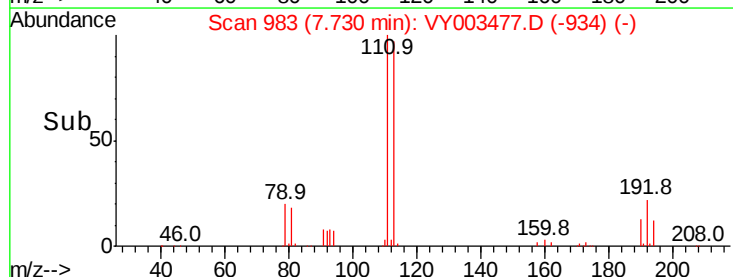
192 23.4 18.8 28.2

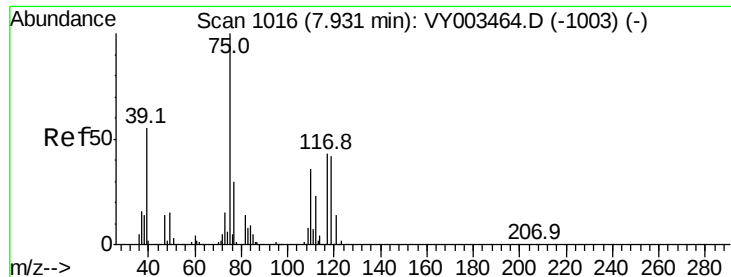


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.617 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003477.D

Acq: 02 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-03-017-B

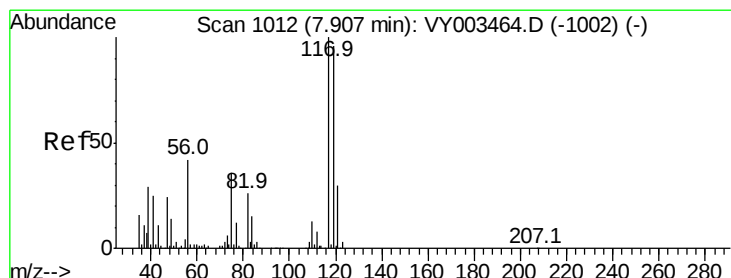
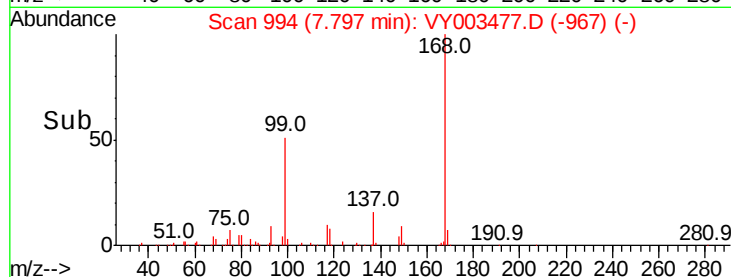
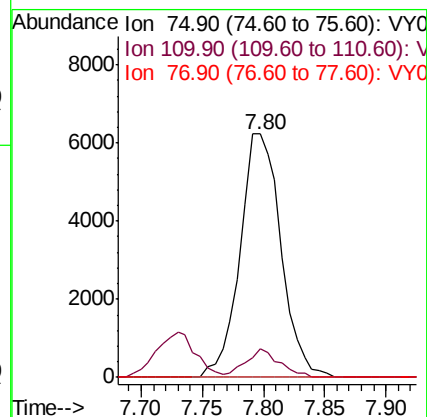
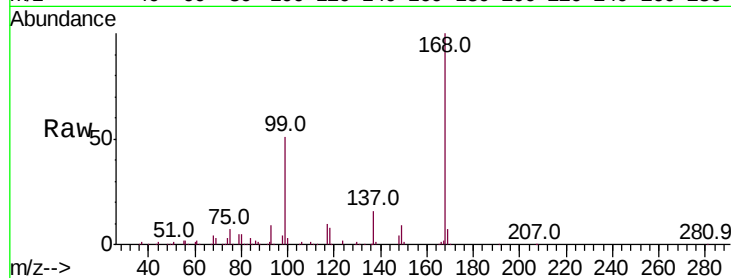
Tot Ion: 75 Resp: 14474

Ion Ratio Lower Upper

75 100

110 9.6 17.6 52.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.798 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003477.D

Acq: 02 Nov 2020 16:57

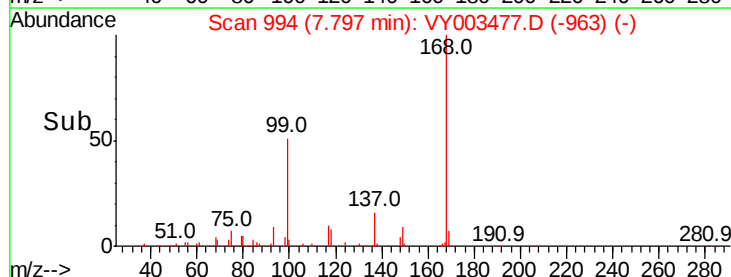
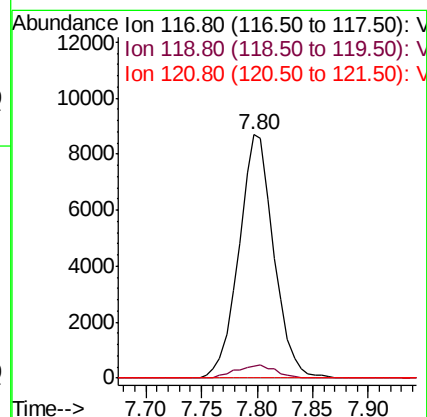
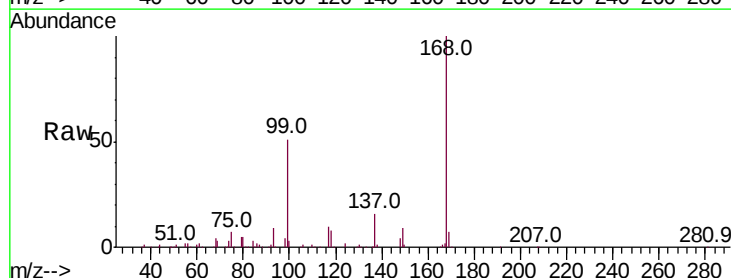
Tgt Ion: 117 Resp: 18855

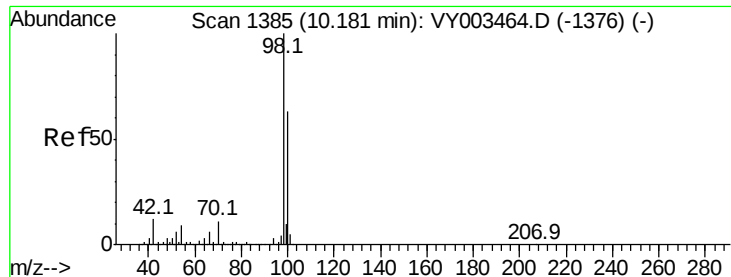
Ion Ratio Lower Upper

117 100

119 5.1 76.2 114.4#

121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 47.091 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003477.D

Acq: 02 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

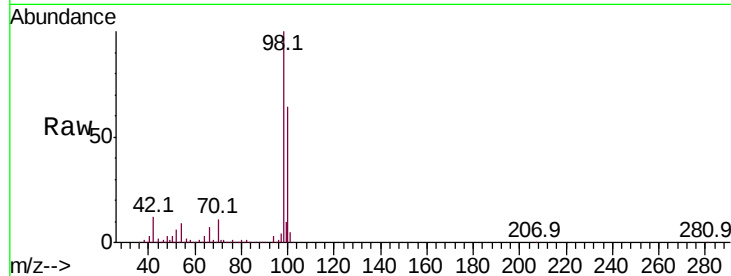
FK-GF-03-017-B

Tot Ion: 98 Resp: 396357

Ion Ratio Lower Upper

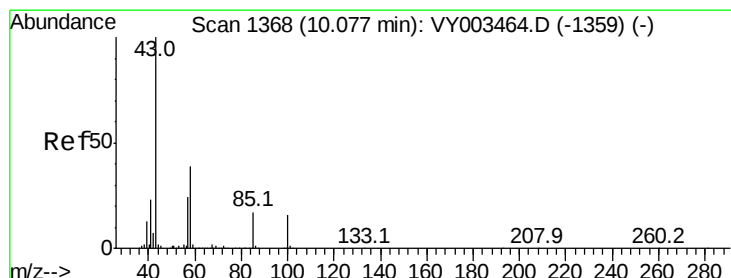
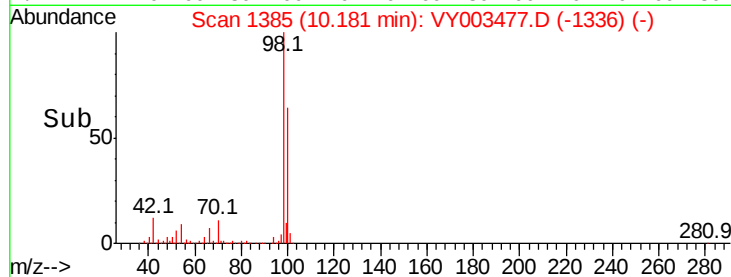
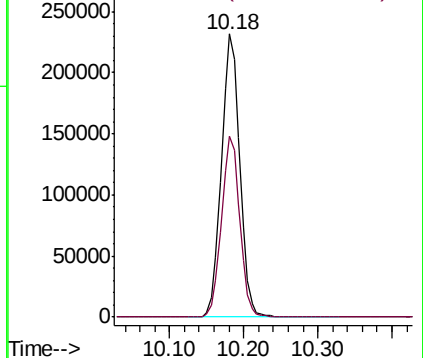
98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#51

4-Methyl-2-Pentanone

Concen: 1.019 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.11 min

Lab File: VY003477.D

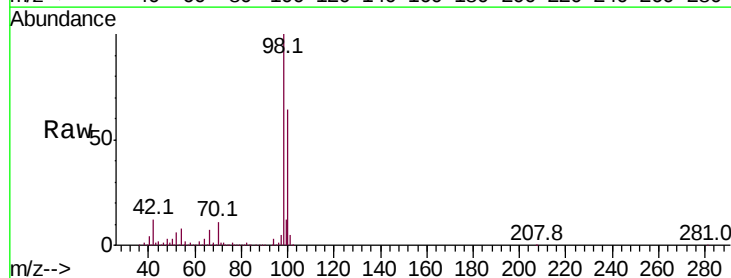
Acq: 02 Nov 2020 16:57

Tgt Ion: 43 Resp: 1900

Ion Ratio Lower Upper

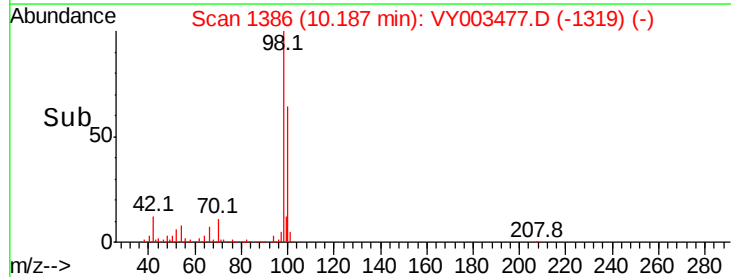
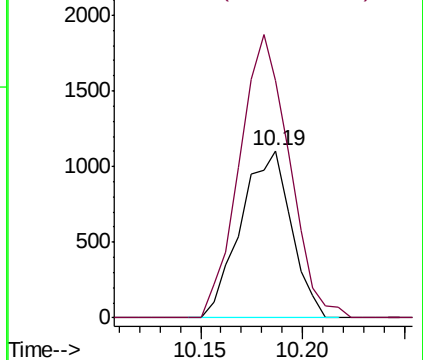
43 100

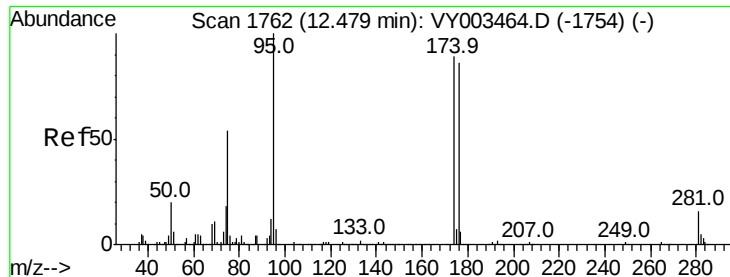
58 167.5 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

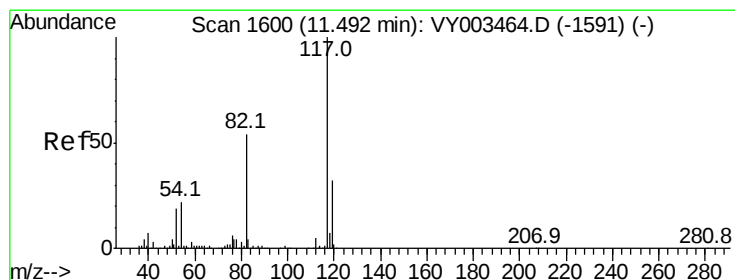
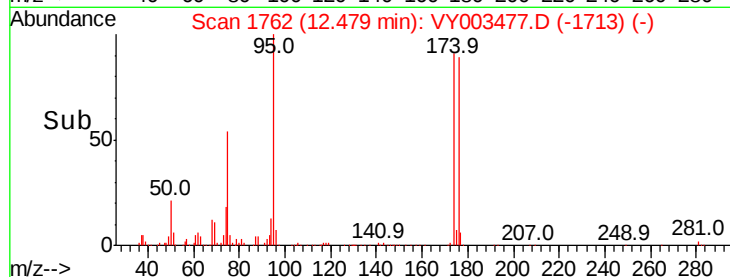
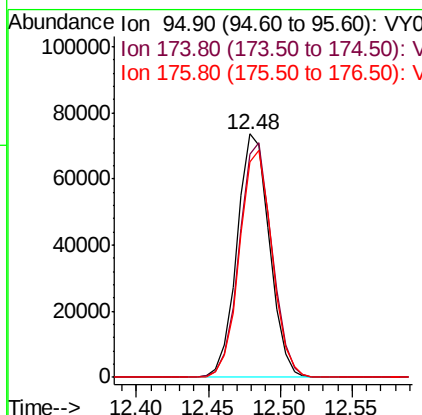
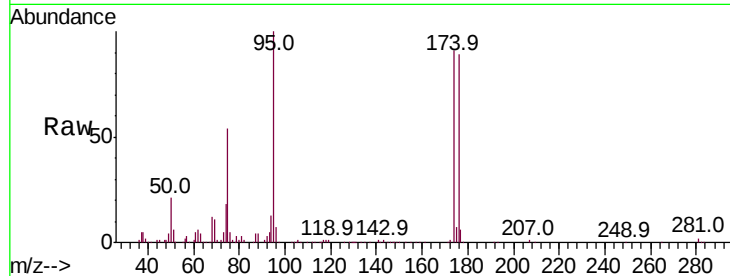




#62
4-Bromofluorobenzene
Concen: 41.280 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003477.D
Acq: 02 Nov 2020 16:57

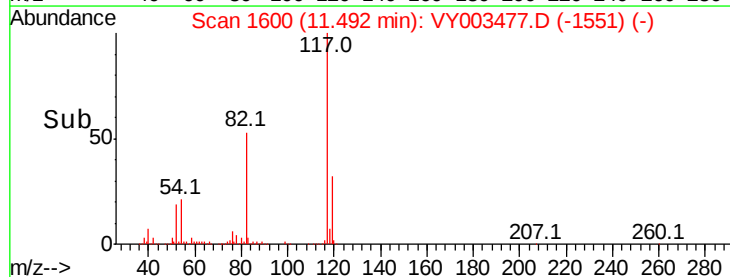
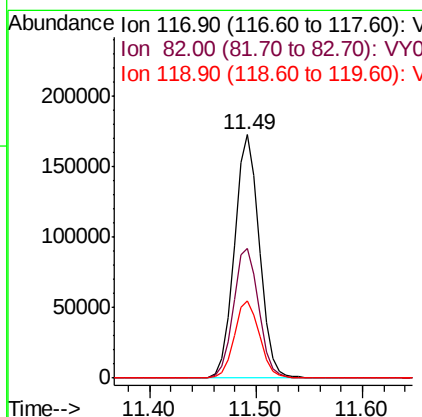
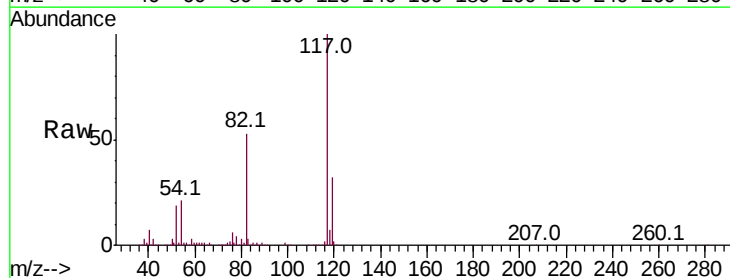
Instrument :
MSVOA_Y
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FK-GF-03-017-B

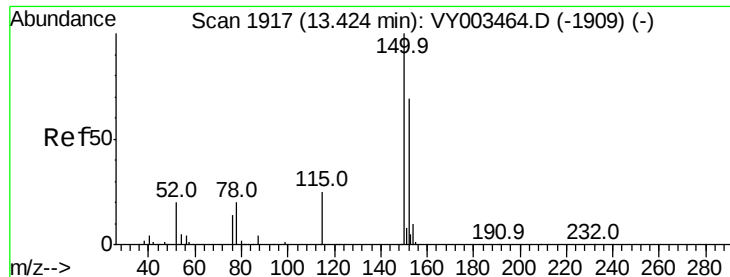
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	193.0
176	93.4	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003477.D
Acq: 02 Nov 2020 16:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.4	65.2
119	31.8	25.8	38.6



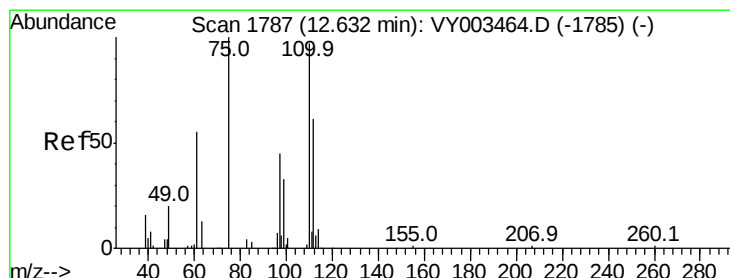
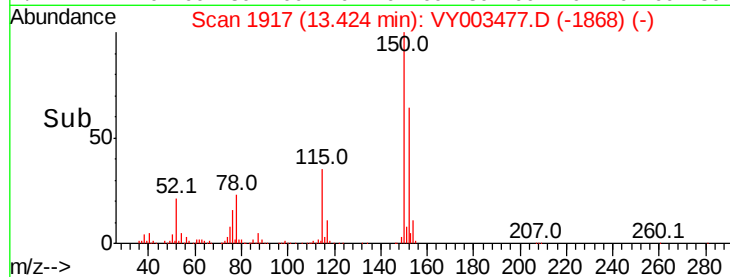
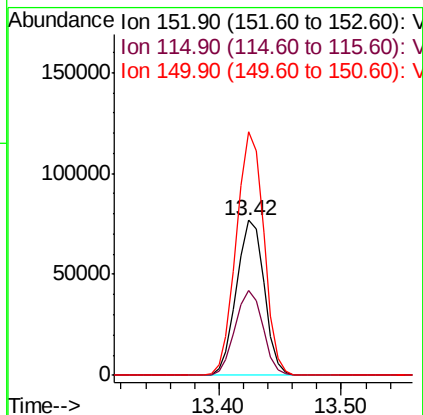
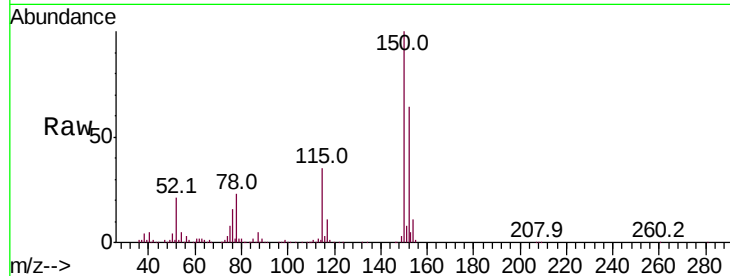


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003477.D
Acq: 02 Nov 2020 16:57

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-03-017-B

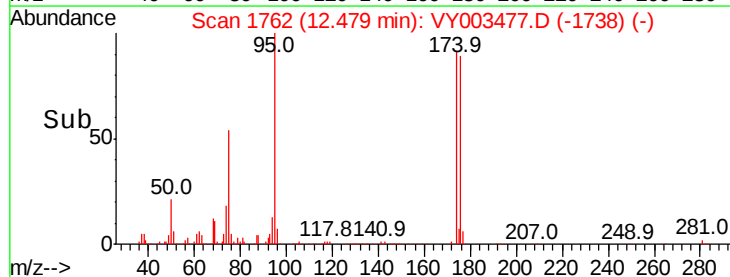
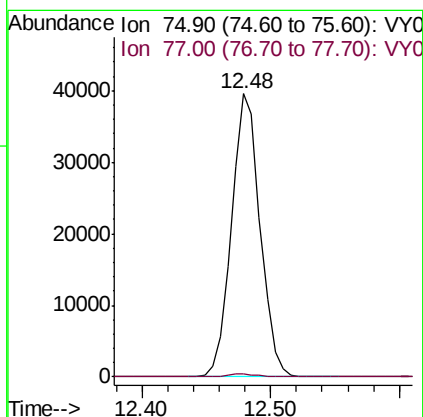
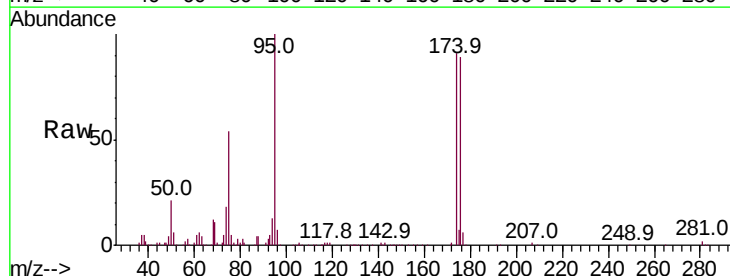
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.5	82.4
150	156.6	0.0	345.8

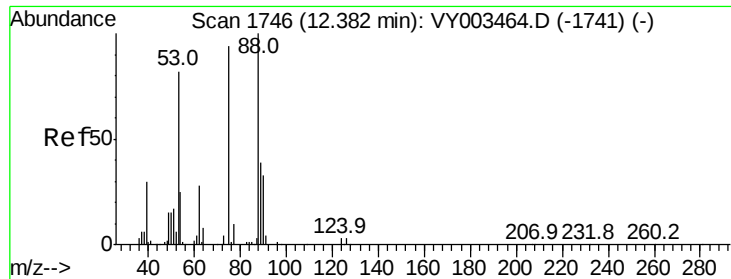


#76

1,2,3-Trichloropropane
Concen: 47.861 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003477.D
Acq: 02 Nov 2020 16:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 99.893 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003477.D

Acq: 02 Nov 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-03-017-B

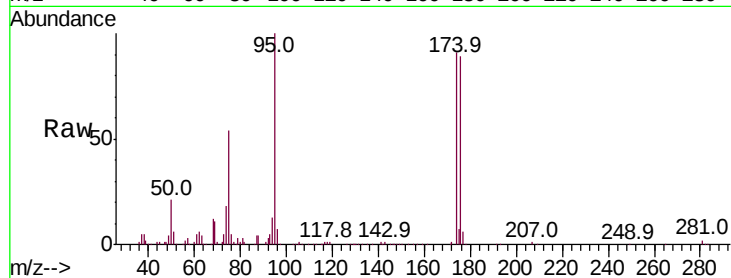
Tot Ion: 75 Resp: 60960

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

